

Message

From: Mensch, Keith (DHSS) [Keith.Mensch@state.de.us]
Sent: 5/30/2018 12:37:13 AM
To: Galloway, Rick (DNREC) [Rick.Galloway@state.de.us]
CC: O'Loughlin, Connor [oloughlin.connor@epa.gov]; Rovira, Eduardo [Rovira.Eduardo@epa.gov]; Salahuddin, Qazi (DNREC) [Qazi.Salahuddin@state.de.us]; Gordon, Stephanie A. (DNREC) [Stephanie.Gordon@state.de.us]
Subject: Re: FW: Environmental Legal Meeting - Shawn attending?

Hi Rick,

For No. 3, because PFAS are unregulated contaminants and consistent with other public water systems in the state with similar treatment for PFAS, the responsibility for sampling is on the water system. Blades is currently working with ODW and Calgon (who can help determine the life expectancy of the carbon by looking at contaminant load and flow rate) to determine an appropriate sampling schedule. It will most likely mirror the sampling schedule used by the Nonresponsive based on revised scope which is as follows:

Every 6 months (June and December) they collect three samples: influent, mid-filter*, and effluent.

*The mid-filter sample will start at the 25% tap until there is breakthrough of PFAS. Then they will sample the 50% tap. After breakthrough there, they will sample the 75% tap. Once there is breakthrough at the 75% tap, they will replace the carbon.

They also sample the raw water in each well every 5 years.

So, Blades will most likely have a sampling schedule like that, pending their consultation with Calgon and further discussion with ODW.

Please let me know if you have any questions. I'm on a business trip tomorrow and Thursday, but should have some level of response capability for emails.

Thanks,

Keith Mensch, REHS/RS
Program Administrator
Office of Drinking Water
43 S. DuPont Hwy.
Dover, DE 19901
Ph: 302.741.8589
Fax: 302.741.8631

On May 29, 2018 3:20 PM, "Galloway, Rick (DNREC)" <Rick.Galloway@state.de.us> wrote:
Eduardo, Connor and Keith,

DNREC's secretary is giving a presentation on Friday June 1 about the Blades Groundwater Response at a conference. I am hoping to get your response by the end of the day tomorrow (May 30). Shawn wanted the following information (see below)-

- 1) Updated numbers on the private well testing
- 2) Where we are with the EPA regarding investigation
- 3) What is the frequency that the town's water will be tested and the frequency of that testing going forward

Eduardo- In response to item 1 above- Please send me, Steph and Qazi all the re-sampling results to date in an excel table if possible.

Connor- In response to Item 2 above- Please let me know if you have any specific dates for the upcoming SI for Blades. I have been telling my management- Summer of 2018- best case Mid-June. Please let me know if you have any update to this. Also let me know when DNREC should expect the results of the sampling.

Keith- In response to Item 3 above- I have assumed that re-testing of the public well is a DHSS responsibility. If so, then what is the testing schedule? If not then who should I contact?

Thanks for your help and sorry for the late notice.

I will be unavailable on **Thursday, May 31 after 10 am**. Please contact Qazi or Steph if you have any questions after that time.

Rick Galloway, P.G.
Hydrologist, Project Manager
Site Investigation and Restoration Section
Dept. of Natural Resources and Environmental Control
391 Lukens Drive
New Castle, DE 19720-2774

Phone Number: (302) 395-2614
Fax Number: (302) 395-2601

From: Ratsep, Timothy T. (DNREC)
Sent: Tuesday, May 29, 2018 2:22 PM
To: Galloway, Rick (DNREC) <Rick.Galloway@state.de.us>; Gordon, Stephanie A. (DNREC) <Stephanie.Gordon@state.de.us>
Subject: FW: Environmental Legal Meeting - Shawn attending?

From: Barnekov-Short, Kristin (DNREC)
Sent: Tuesday, May 29, 2018 2:01 PM
To: Reese, Leslie (DNREC) <Leslie.Reese@state.de.us>; Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Cc: Wilson, Joanna C. (DNREC) <Joanna.Wilson@state.de.us>; Shockley, Elizabeth D. (DNREC) <Elizabeth.Shockley@state.de.us>; Riggs, Carol A. (DNREC) <Carol.Riggs@state.de.us>; Fitzsimmons, Jennifer A. (DNREC) <Jennifer.Fitzsimmons@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

Tim & Marj, I just spoke to Shawn. If you could just provide the following for this meeting that would be great:

- 1) Updated numbers on the private well testing
- 2) Where we are with the EPA regarding remediation
- 3) What is the frequency that the town's water will be tested and the frequency of that testing going forward

Just send directly to me. Public Affairs does not need to do anything.

Thanks
Kristin

From: Barnekov-Short, Kristin (DNREC)
Sent: Tuesday, May 29, 2018 12:52 PM
To: Reese, Leslie (DNREC) <Leslie.Reese@state.de.us>; Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Cc: Wilson, Joanna C. (DNREC) <Joanna.Wilson@state.de.us>; Shockley, Elizabeth D. (DNREC) <Elizabeth.Shockley@state.de.us>; Riggs, Carol A. (DNREC) <Carol.Riggs@state.de.us>; Fitzsimmons, Jennifer A. (DNREC) <Jennifer.Fitzsimmons@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

Is anyone working on talking points for this event?

From: Barnekov-Short, Kristin (DNREC)
Sent: Monday, May 7, 2018 5:11 PM
To: Reese, Leslie (DNREC) <Leslie.Reese@state.de.us>; Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

Tim & Marj, can you put something together by May 28th or 29th?

From: Reese, Leslie (DNREC)
Sent: Monday, May 7, 2018 4:48 PM
To: Barnekov-Short, Kristin (DNREC) <Kristin.Bshort@state.de.us>; Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

June 1

From: Barnekov-Short, Kristin (DNREC)
Sent: Monday, May 7, 2018 4:46 PM
To: Reese, Leslie (DNREC) <Leslie.Reese@state.de.us>; Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

I think we should prepare talking points and get them to him at least a few days prior to the event so he can ask questions or request more information. What is the date of the meeting?

From: Reese, Leslie (DNREC)
Sent: Friday, May 4, 2018 1:07 PM
To: Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>; Barnekov-Short, Kristin (DNREC) <Kristin.Bshort@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>
Subject: RE: Environmental Legal Meeting - Shawn attending?

Shawn would like to participate on this panel. Thanks Tim. How do you suggest we handle prep? Typical speaking engagements we would do an event form, talking points, etc. Kristin – would you like to treat this the same way?

Thanks!
Leslie

From: Ratsep, Timothy T. (DNREC)
Sent: Monday, April 30, 2018 11:05 AM
To: Barnekov-Short, Kristin (DNREC) <Kristin.Bshort@state.de.us>; BorinOgden, Lisa (DNREC) <Lisa.BorinOgden@state.de.us>; Crofts, Marjorie A. (DNREC) <Marjorie.Crofts@state.de.us>; Reese, Leslie (DNREC) <Leslie.Reese@state.de.us>
Subject: Environmental Legal Meeting - Shawn attending?

Looks like we will need a response this week if Shawn would like to be in attendance.

From: Coomes, Todd A. [<mailto:Coomes@RLF.com>]
Sent: Monday, April 30, 2018 10:52 AM
To: Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>
Subject: RE: Phone message

Tim,
Following up on the below. Did you get any feedback from Shawn?

I need to firm up the schedule this week.

Please see below. Looks like the Delaware Environmental Legal group would like an answer this week if Shawn will attending June 1st.

From: Coomes, Todd A.
Sent: Monday, April 16, 2018 12:49 PM
To: Ratsep, Timothy T. (DNREC) <Timothy.Ratsep@state.de.us>
Subject: RE: Phone message

Tim,
Sounds good. The Blades discussion will be on how the rapid response was implemented for the Town of Blades, including lessons learned and other thoughts on emergency responses. The town's attorney, Tim Willard, has agreed to be on the panel and I will moderate/keep the discussion going. I am thinking 30-40 minutes for the discussion, including time for questions.

The CLE will be in Wilmington on the morning of June 1, 2018, and the panel will be at 9:30 (so that Tim Willard can drive up from Sussex).

Let me know if any other questions or if there are any additional thoughts/participants for the panel.
Todd

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From: Ratsep, Timothy T. (DNREC) [<mailto:Timothy.Ratsep@state.de.us>]
Sent: Monday, April 16, 2018 12:18 PM

To: Coomes, Todd A.

Subject: Phone message

Todd,

Hope you had a great weekend. I got your message regarding the panel dealing with the actions DNREC took at the town of Blades. Sec. Garvin was also actively engaged in the decision making process for this Site so I forwarded your request onto him. I heard back that he was interested but requested some more information about the event. Could you please provide that to me so Shawn can make a decision? If he chooses on not attending, I have no problem participating.

Thanks,

Tim